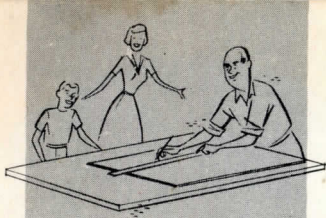


# How to cut glass

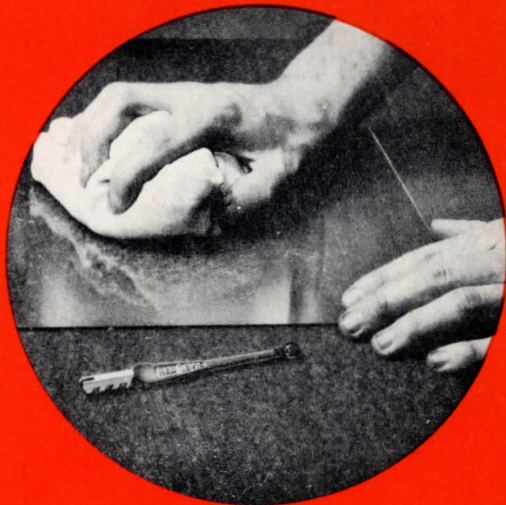




Watch an expert cut glass—  
it looks easy enough . . .  
one sweeping motion with  
a Red Devil glass cutter,  
a twist of the wrist—  
and presto—*Here's how to  
cut glass like an expert*

# 1

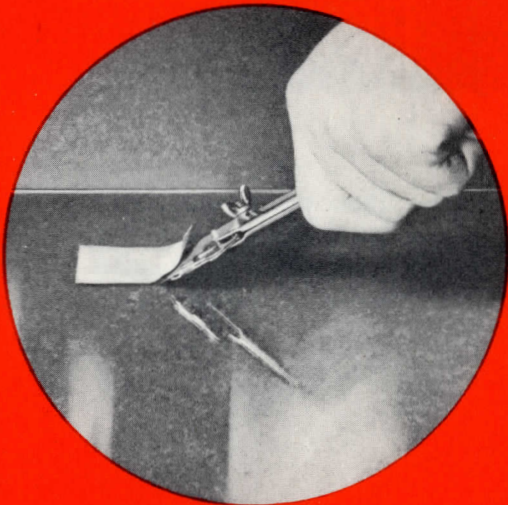
Wipe glass clean with clean rag. Get rid of all dirt or film which prevents the glass cutter from making a uniform cut.



2

# 2

Remove sticker from new glass and clean. Rest glass on even layers of newspaper or a layer of felt.



3

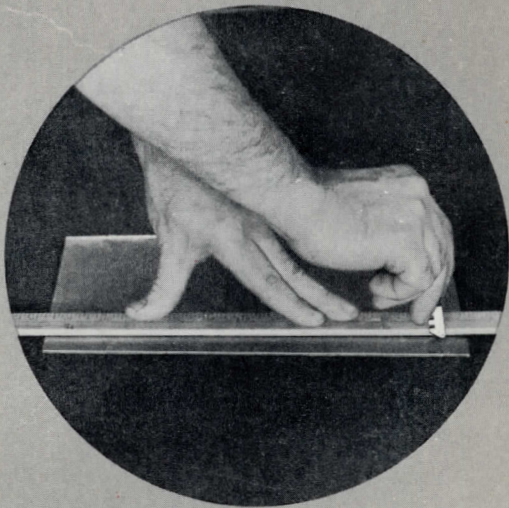


Lubricate the wheel of your Red Devil glass cutter using any household oil . . . such as 3-in-1.

This supplies oil to cutter wheel and reduces friction between glass and edge of wheel.

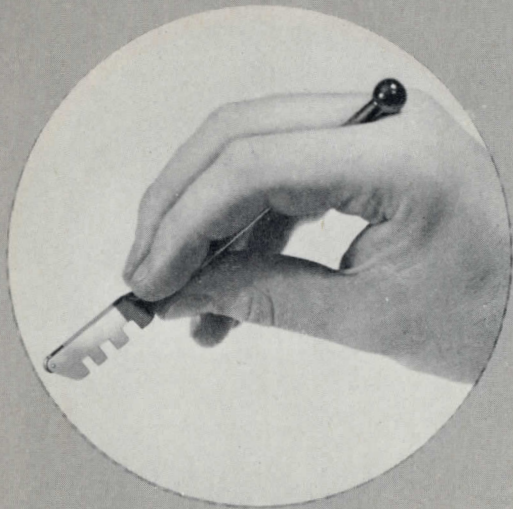
# 4

Use a wood yardstick as a straight cutting guide . . .  
Dampen side of yardstick to hold to glass without slipping.





# 5

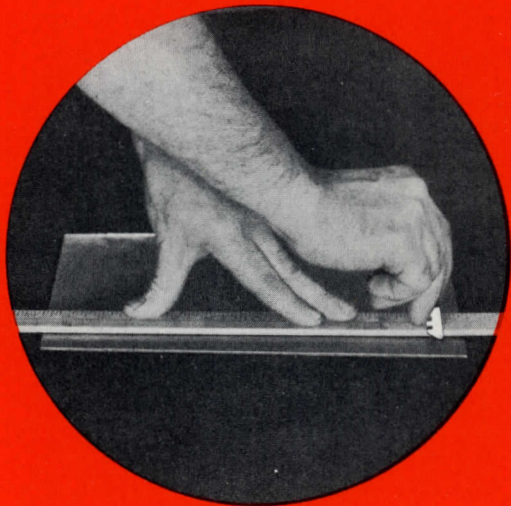


Hold Red Devil glass cutter correctly . . .

Right way is between first and second fingers with the thumb on the under side of the handle. Do not squeeze too hard.

6

Gently, but firmly, press cutter to glass, holding upright. Start about  $\frac{1}{8}$ " from edge farthest from you. If cutter is held at an angle it will not cut properly and a poor cut will result.



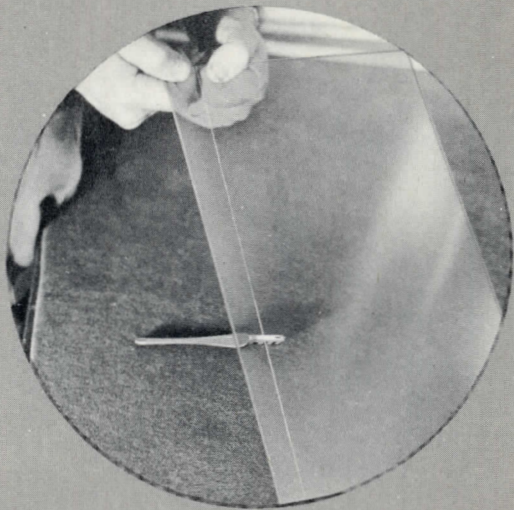


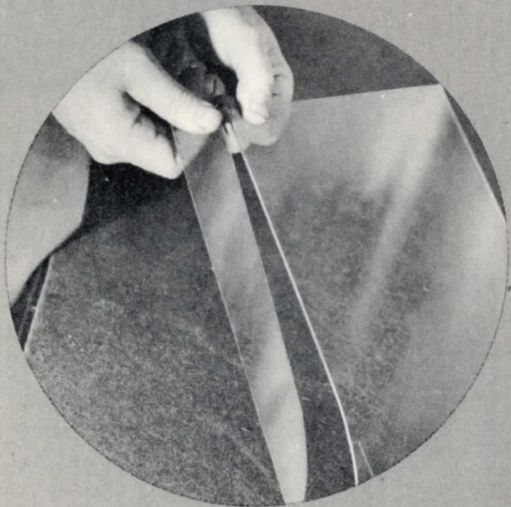


Always make a straight, even, and continuous stroke across the whole surface and off the very edge of the glass. Practice cutting scrap glass to perfect your "feel" for glass cutting.

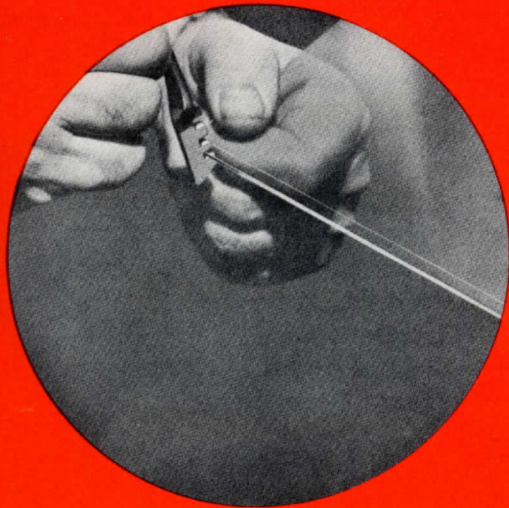
# 8

To break glass, hold firmly on opposite sides of cut line—then give quick bending motion away from cut. Keep fingers and thumbs close to cut. Be careful — hold firmly. Always break right after cutting so cut does not get "cold."





This shows how hesitation during cutting stroke leaves uneven spot — causes break to curve from straight line. An even, firm, positive cutting stroke avoids this result.



Red Devil cutters have slots at end, which are best used for breaking off narrow strips. Hold glass with one hand, cutter with other. A firm movement will separate glass at cut. Tapping underside of glass, immediately after making cut, may make glass separate more easily.

# Different types of cutters for different glass.

Because glass differs in thickness and hardness, it is important to have the right Red Devil glass cutter to do a good job on a given piece of glass.

For example, Red Devil No. C-888 Carbide Glass Cutter has longer life and can be resharpened. Your Red Devil dealer will help you select the right Red Devil glass cutters for every glass cutting requirement.



No. 024 - An all-purpose glass cutter.



No. 023 - Same as No. 024 but with ball knob on end of handle for tapping.




No. C-888 - Carbide wheel — Hardest metal known. Many times more cuts before dulling.



No. G-5 - Turret Head — Professional model for heavy-duty service.

## Other helpful hints for cutting glass like an expert



Experience is important to becoming an "expert" glass cutter. Holding the cutter just so, applying just the right pressure, making a firm stroke on the cut—all these fine points are the end result of practice.

Never drop your glass cutter or let its wheel strike any sharp hard object, lest its edge become nicked. "Skips" in the cut are usually caused by nicks and the only solution is to buy a new cutter.

The best way to store your cutter is to place it in a can or jar containing a half-and-half mixture of kerosene and household lubricating oil.

After you become an expert glass cutter you'll probably say, "Nothing to it!" Good luck.

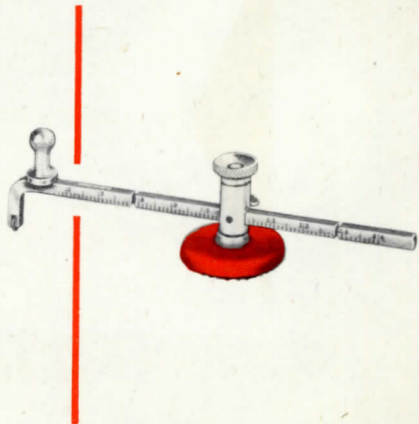


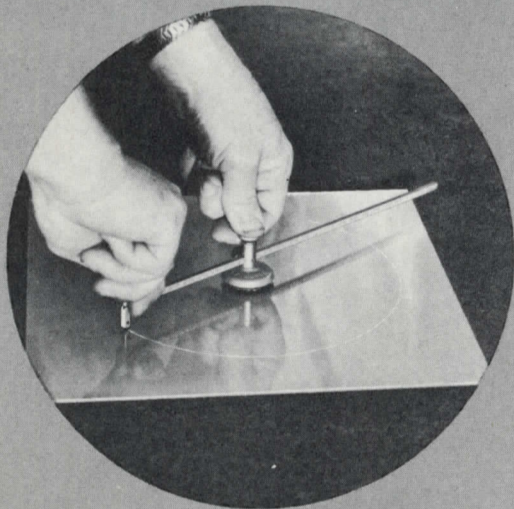
# Red Devil No. 263 Circle Sweep Glass Cutter

Cutting circles of glass calls for the specially designed Red Devil Circle Cutter.

It has a metal base with a rubber mat, which prevents slipping. The revolving cutter arm is marked in sixteenth inch graduations so you can quickly set the cutter for the size circle required. Cuts circles from 2" to 24" in diameter. Larger sizes are also available.

Each cutter has provisions for easy replacement of the wheel. Two refill wheels are included with the No. 263 circle cutter. Cuts accurate circles from either plain or plate glass.

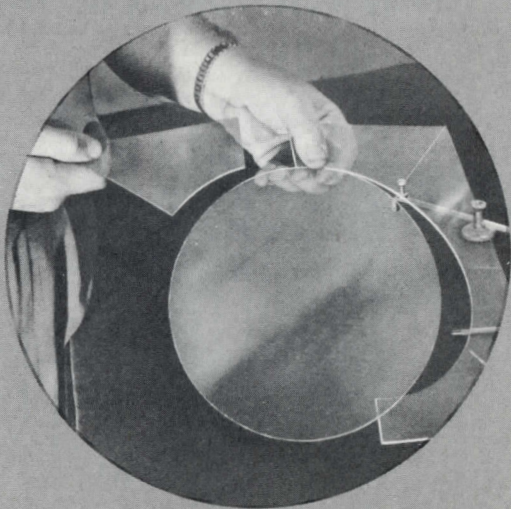




Use Red Devil No. 263 Circle Cutter same as regular cutter, but do not overlap at end of circle. Hold glass in hands and press with fingers from under side to impress circle right after cutting so etched line won't get cold.

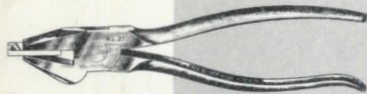
# 12

Glass surrounding circle must be cut away to free circle. Make straight cuts with regular Red Devil cutter from circle to edge then break away from circle.

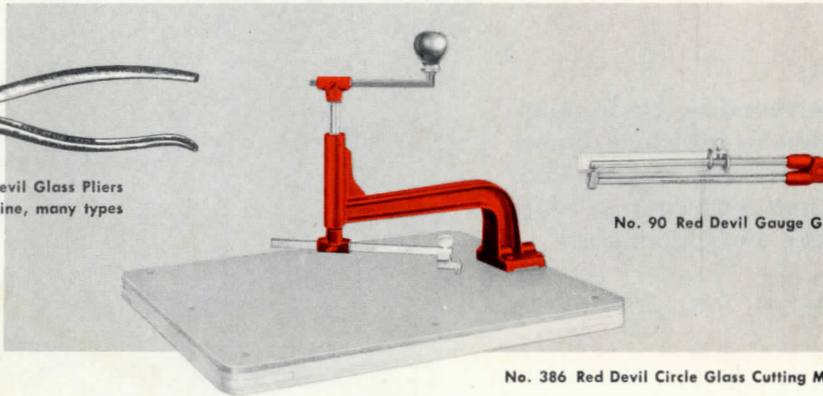


# **Red Devil Tools** for Professional Work With Glass

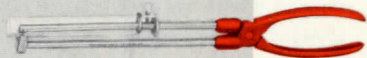
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No. 210 Red Devil Glass Pliers  
—a complete line, many types



No. 386 Red Devil Circle Glass Cutting Machine



No. 90 Red Devil Gauge Glass Cutters

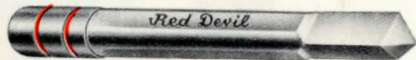
# Red Devil Tools for Professional Work With Glass

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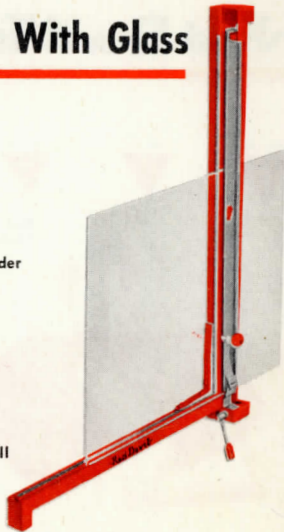


◀ No. 407 Red Devil Glass Holder

No. GB-1 Red Devil Glass Cutting Board ▶



◀ No. 416 Red Devil Glass Drill



# Red Devil Tools for Professional Work With Glass

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No. 00

No. 0

No. 1

No. 2

No. 3

No. 4

Red Devil Glaziers'  
Points (Triangle)

No. 8 Red Devil  
Glaziers'  
Hammer

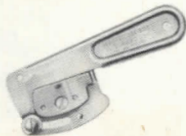
Red Devil Automatic  
Point Driver

Red Devil Diamond Points  
(for use with Driver)



# HANDY *Red Devil* TOOLS

No. LS-2 Red Devil Lucite Scraper



No. 13 Red Devil  
Razor Blade Scraper



Red Devil Putty Knives and Wall Scrapers—a complete line



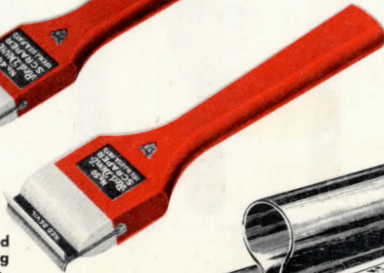
No. 453 Red Devil Glaziers' Chisel

# Handy Red Devil Tools

**No. 40 - Wood Scraper** with double edge replaceable blade 1½" wide.



**No. 50 - Wood Scraper** 9" long for best leverage, 2½" blade.



**No. 0 - Paint and Wood Scraper**, low price, fine for close quarters.



**No. 9A - Sandpaper Holder**, like No. 9 but with sponge rubber pad for sanding irregular surfaces.



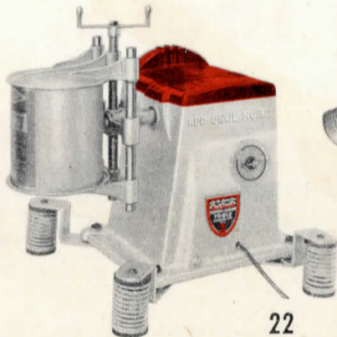
**No. 9 - Sandpaper Holder**, quick trigger grip and release of ¼ of standard size sheet. Metal platen slightly convex to prevent edge scoring.



**Red Devil CS-1 Carbide Scraper** – one of a complete line of wood scrapers.



**Red Devil Grady Wedges** – for handles of hammers and axes.



**Red Devil Paint Conditioner** – Always buy paint from dealers who have these machines. You get fresh paint that needs no stirring if used same day.



**No. RS10-W Red Devil Roller Painter.**

# Red Devil Tools.



IRVINGTON 11, N. J.

Manufacturer of top quality painters' and glaziers' tools, floor machines, and hardware specialties.